

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020422\
 Data File : VD071902.D
 Acq On : 04 Feb 2022 16:52
 Operator : VA/SY
 Sample : N1401-03
 Misc : 3.68G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC-124055

Quant Time: Feb 07 04:20:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

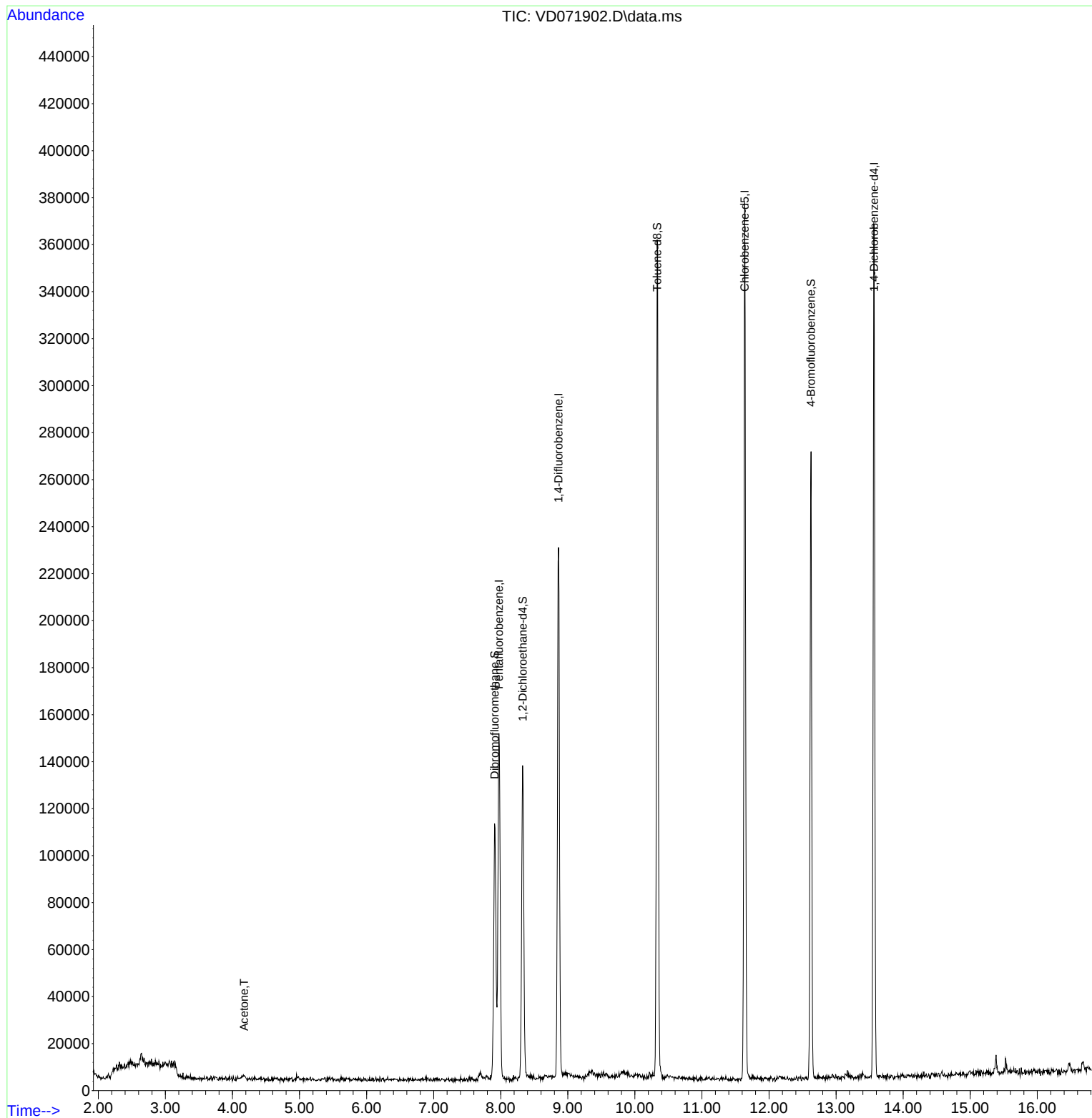
Internal Standards						
1) Pentafluorobenzene	7.973	168	103048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	181428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	191850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	88386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	104907	80.544	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	161.080%
35) Dibromofluoromethane	7.909	113	75574	63.370	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.740%
50) Toluene-d8	10.332	98	234684	52.692	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.380%
62) 4-Bromofluorobenzene	12.626	95	83321	53.570	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.140%
Target Compounds						
16) Acetone	4.173	43	3533	9.909	ug/l	95

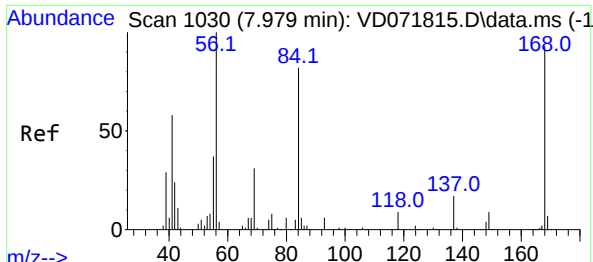
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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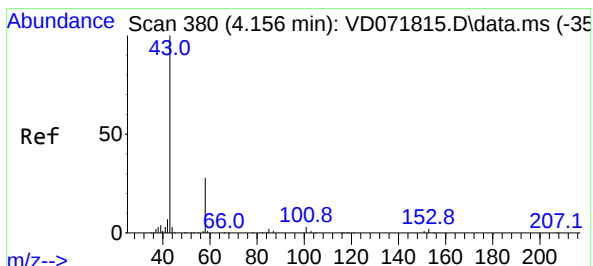
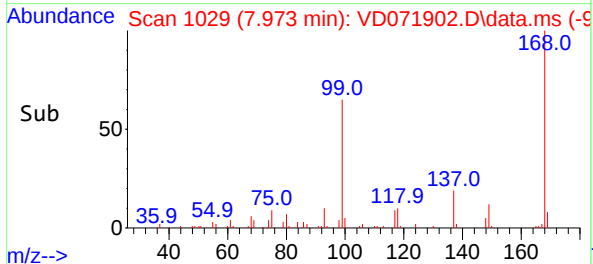
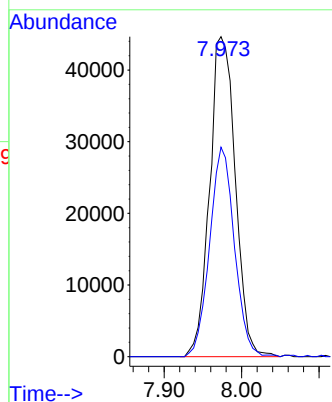
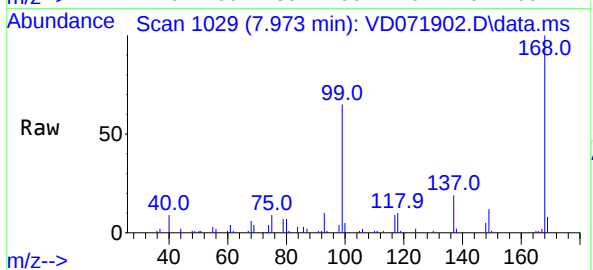




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071902.D
Acq: 04 Feb 2022 16:52

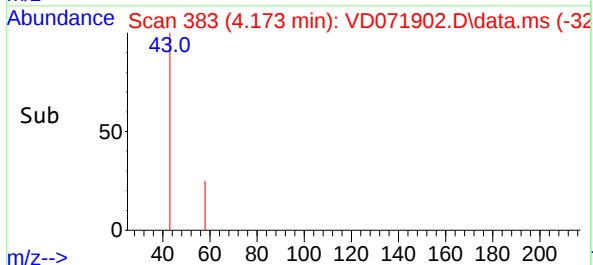
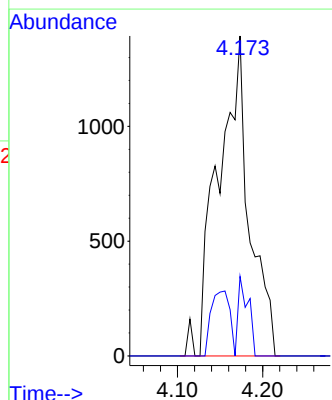
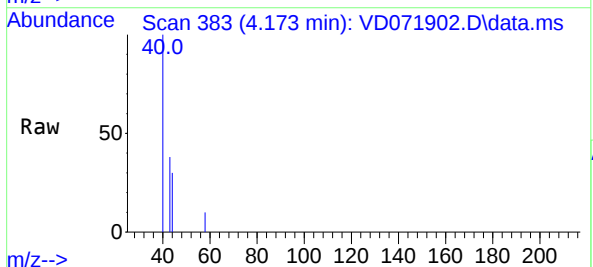
Instrument :
MSVOA_D
ClientSampleId :
PSC-124055

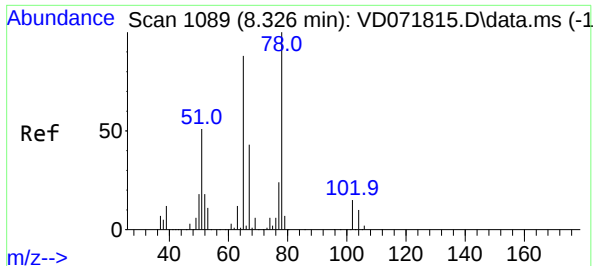
Tgt Ion:168 Resp: 103048
Ion Ratio Lower Upper
168 100
99 65.4 49.8 74.6



#16
Acetone
Concen: 9.909 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.018 min
Lab File: VD071902.D
Acq: 04 Feb 2022 16:52

Tgt Ion: 43 Resp: 3533
Ion Ratio Lower Upper
43 100
58 24.8 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 80.544 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071902.D

Acq: 04 Feb 2022 16:52

Instrument :

MSVOA_D

ClientSampleId :

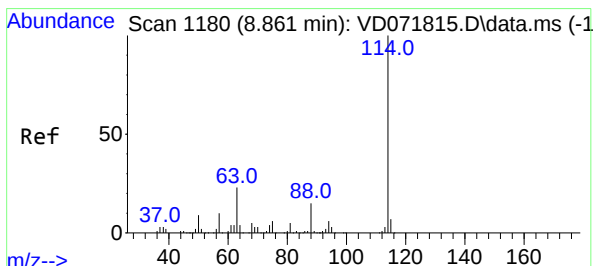
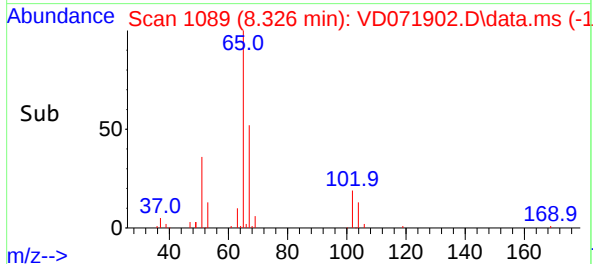
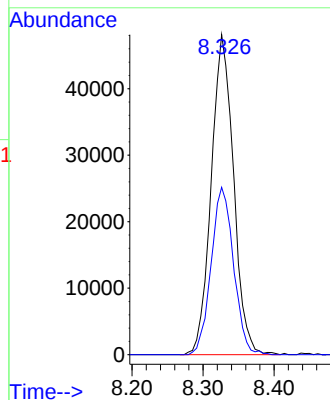
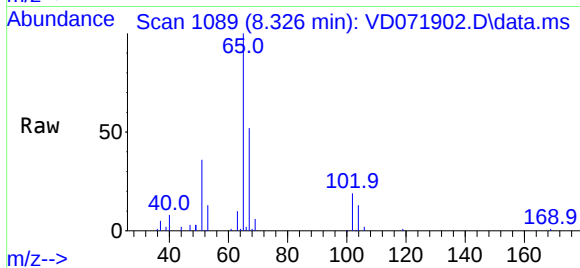
PSC-124055

Tgt Ion: 65 Resp: 104907

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071902.D

Acq: 04 Feb 2022 16:52

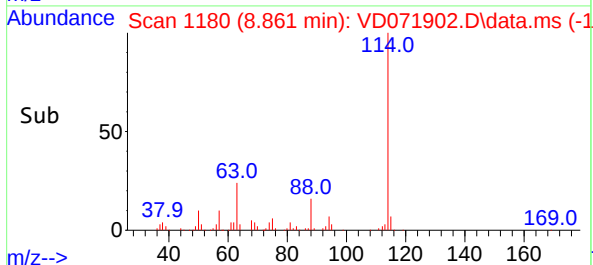
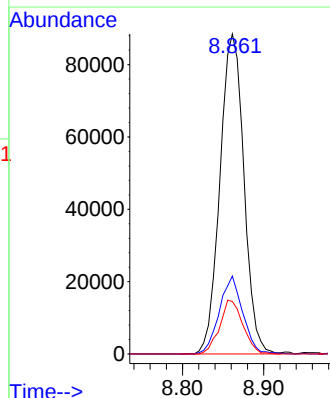
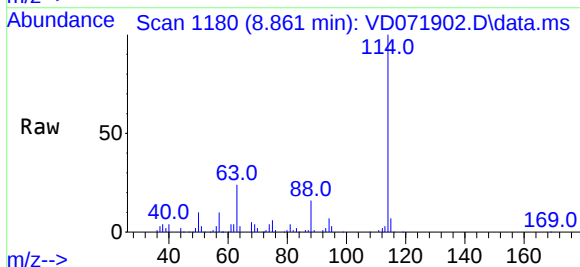
Tgt Ion: 114 Resp: 181428

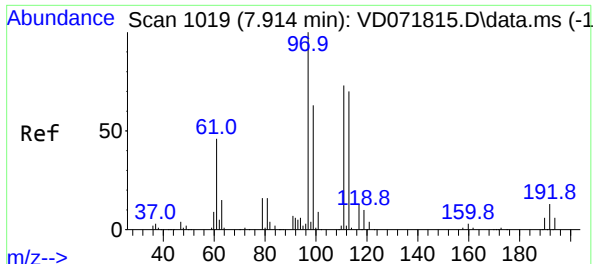
Ion Ratio Lower Upper

114 100

63 24.4 0.0 46.6

88 16.4 0.0 33.2

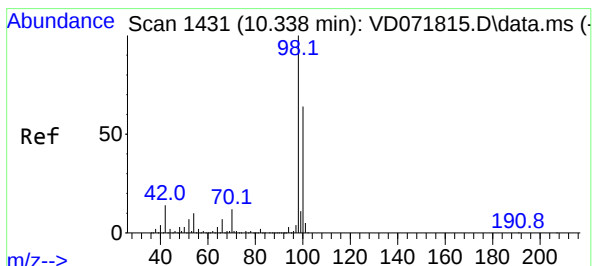
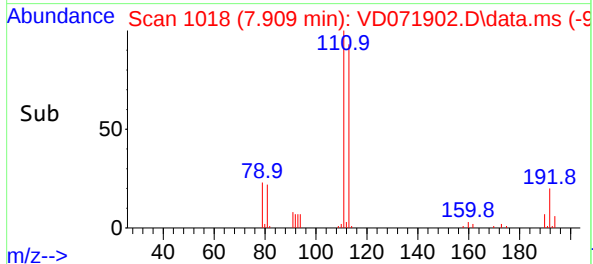
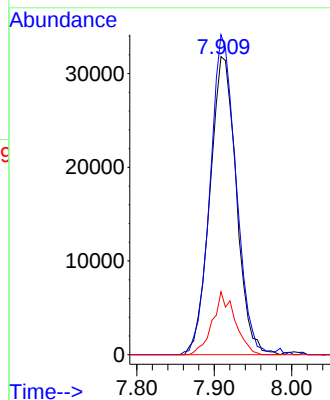
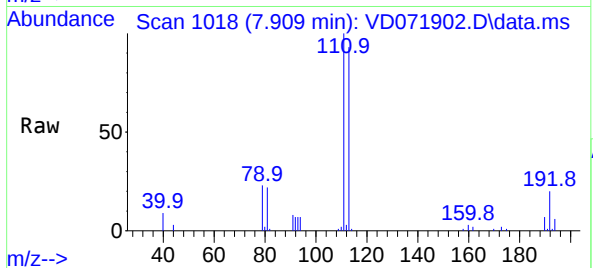




#35
Dibromofluoromethane
Concen: 63.370 ug/l
RT: 7.909 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071902.D
Acq: 04 Feb 2022 16:52

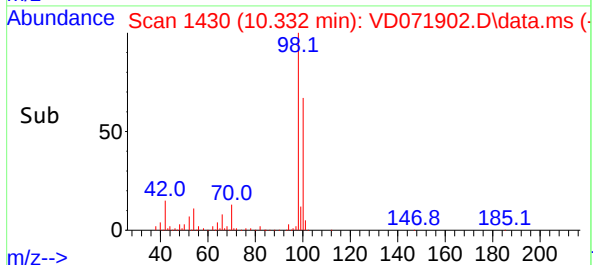
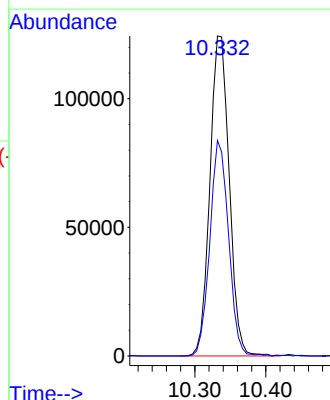
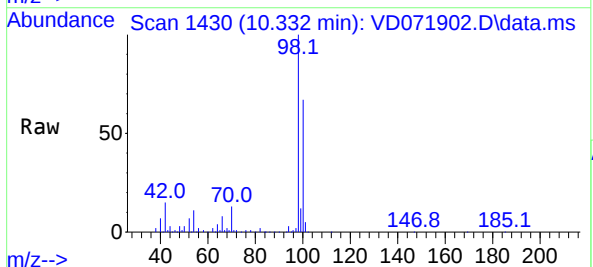
Instrument :
MSVOA_D
ClientSampleId :
PSC-124055

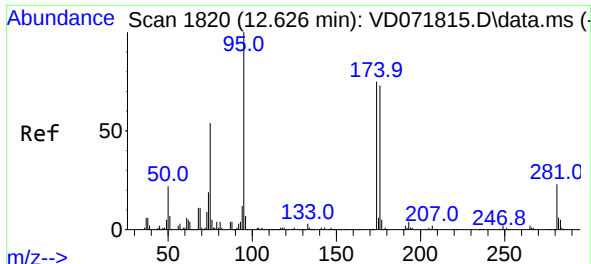
Tgt Ion:113 Resp: 75574
Ion Ratio Lower Upper
113 100
111 105.0 83.8 125.6
192 18.0 14.6 21.8



#50
Toluene-d8
Concen: 52.692 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071902.D
Acq: 04 Feb 2022 16:52

Tgt Ion: 98 Resp: 234684
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6

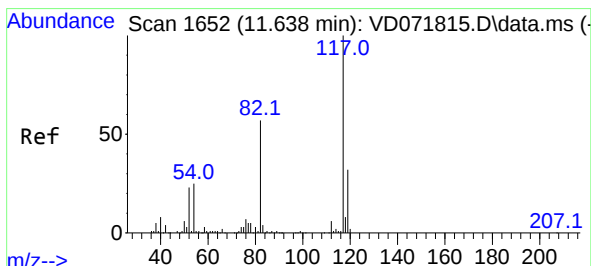
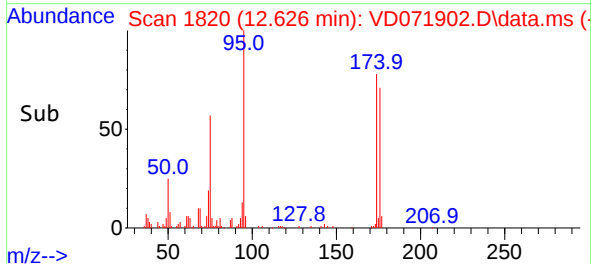
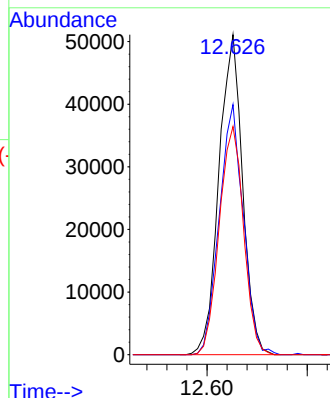
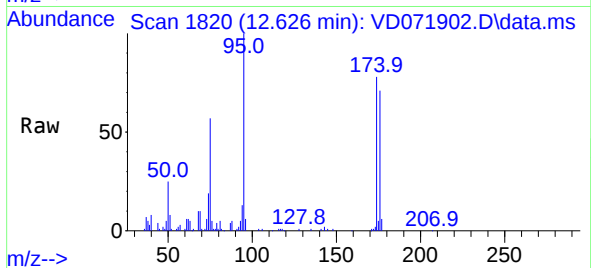




#62
4-Bromofluorobenzene
Concen: 53.570 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071902.D
Acq: 04 Feb 2022 16:52

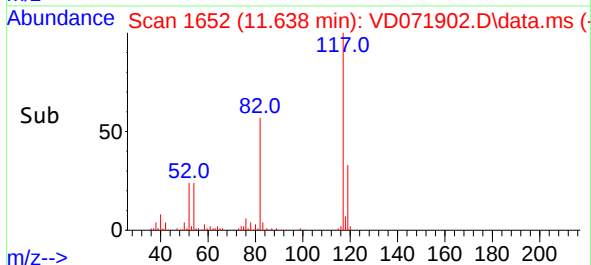
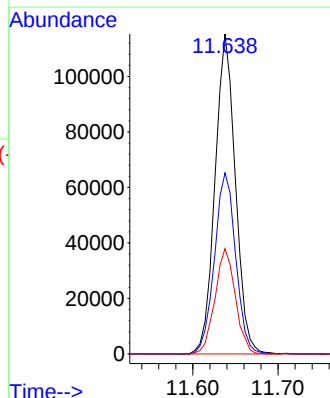
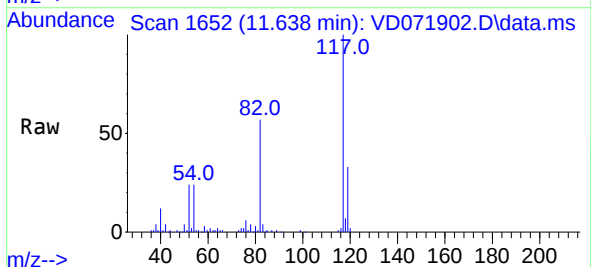
Instrument :
MSVOA_D
ClientSampleId :
PSC-124055

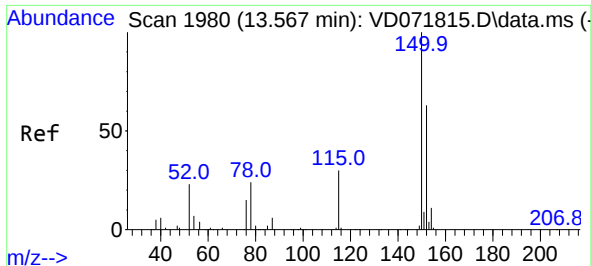
Tgt Ion: 95 Resp: 83321
Ion Ratio Lower Upper
95 100
174 79.6 0.0 152.8
176 73.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071902.D
Acq: 04 Feb 2022 16:52

Tgt Ion: 117 Resp: 191850
Ion Ratio Lower Upper
117 100
82 56.5 45.3 67.9
119 32.9 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. 0.000 min

Lab File: VD071902.D

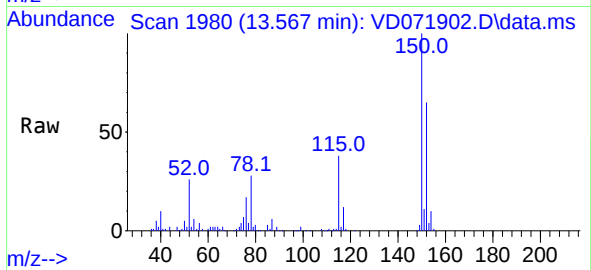
Acq: 04 Feb 2022 16:52

Instrument :

MSVOA_D

ClientSampleId :

PSC-124055



Tgt Ion:152 Resp: 88386

Ion Ratio Lower Upper

152 100

115 60.3 31.3 93.8

150 159.5 0.0 348.6

